

Form PTO-1449

Atty Docket No.

Serial No.

SYMC1034

10/611,472

Applicant(s)

Peter Szor

Filing Date

June 30, 2003

Group

2131

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	AA	6,357,008	03/12/02	Nachenberg	713	200	
<i>[Signature]</i>	AB	6,301,699	10/09/01	Hollander et al.	717	4	
<i>[Signature]</i>	AC	5,822,517	10/13/98	Dotan	395	186	
<i>[Signature]</i>	AD	5,696,822	12/09/97	Nachenberg	380	4	
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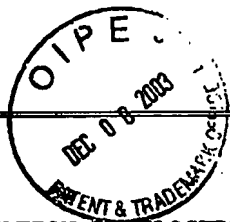
FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AR	Szor, P., "Attacks on WIN32", Virus Bulletin Conference, October 1998, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 57-84.
<i>[Signature]</i>	AS	Szor, P., "Memory Scanning Under Windows NT", Virus Bulletin Conference, September 1999, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 1-22.
Examiner <i>[Signature]</i>	Date Considered <i>[Signature]</i>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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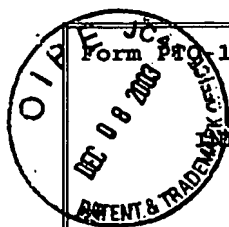
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Szor, P., "Attacks on WIN32-Part II", Virus Bulletin Conference, September 2000, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 47-68.
	AS	Chien, E. and Szor, P., "Blended Attacks Exploits, Vulnerabilities and Buffer-Overflow Techniques In Computer Viruses", Virus Bulletin Conference, September 2002, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 1-36.

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	AR	Buyse, J., "Virtual Memory: Window NT [®] Implementation", pp. 1-15 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://people.msoe.edu/~barnicks/courses/cs384/papers19992000/buysej-Term.pdf>.
	AS	Dabak, P., Borate, M. and Phadke, S., "Hooking Windows NT System Services", pp. 1-8 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://www.windowsitlibrary.com/Content/356/06/2.html>.

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	AR	"How Entercept Protects: System Call Interception", pp. 1-2 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://www.entercept.com/products/technology/kernelmode.asp>. No author provided.
	AS	"How Entercept Protects: System Call Interception", pg. 1 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://www.entercept.com/products/technology/interception.asp>. No author provided.

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Sheet 5 of 8

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Atty Docket No. SYMC1034		Serial No. 10/611,472		
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	AN							
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	AP							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	Kath, R., "The Virtual-Memory Manager in Windows NT", pp. 1-11 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://msdn.microsoft.com/library/en-us/dngenlib/html/msdn_ntvmm.asp?frame=true>.						
	AS	Szor, P. and Kaspersky, E., "The Evolution of 32-Bit Windows Viruses", Windows & .NET Magazine, pp. 1-4 [online]. Retrieved on April 16, 2003. Retrieved from the Internet:<URL:http://www.winnetmag.com/Articles/Print.cfm?ArticleID=8773>.						
Examiner		Date Considered						
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 <p style="text-align: center;">INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p style="text-align: center;">(Use several sheets if necessary)</p>				Atty Docket No. SYMC1034		Serial No. 10/611,472	
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	AR	Szor, P., "The New 32-bit Medusa", Virus Bulletin, December 2000, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 8-10.
	AS	Szor, P., "Shelling Out", Virus Bulletin, February 1997, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 6-7.

Examiner	Date Considered
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	AR	McCorkendale, B. and Szor, P., "Code Red Buffer Overflow", Virus Bulletin, September 2001, Virus Bulletin Ltd., The Pentagon, Abingdon, Oxfordshire, England, pp. 4-5.
	AS	Nachenberg, C., "A New Technique for Detecting Polymorphic Computer Viruses", University of California, Los Angeles, 1995

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Form PTO-1449				Atty Docket No. SYMC1034		Serial No. 10/611,472	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	<p>"INFO: CreateFileMapping() SEC * Flags", pp. 1-2 [online]. Retrieved on September 24, 2003. Retrieved from the Internet: <URL:http://support.Microsoft.com/default.aspx?scid=http://support.Microsoft.com:80/support/kb/articles/Q108/2/31.asp&NoWebContent=1> No author provided.</p>
	AS	<p>"CreateFileMapping", pp. 1-5 [online]. Retrieved on September 10, 2003. Retrieved from the Internet: <URL:http://msdn.Microsoft.com/library/en-us/fileio/base/createfilemapping.asp?frame=true> No author provided.</p>
<div style="display: flex; justify-content: space-between;"> Examiner: Date Considered: 6/26/07 </div>		

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	AL							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	Kephart et al., "Blueprint for a Computer Immune System" pp 1-14 [Online], October 1, 1997. Retrieved on July 7, 1999 from the Internet: <URL:http://www.av.ibm.com/InsideTheLab/Bookshelf/ScientificPapers/Kephart/VB>. (XP002108500)
	AN	White et al., "Anatomy of a Commercial-Grade Immune System", pp 1-28 [Online], June 1999. Retrieved on December 10, 2004 from the Internet: <URL:http://www.research.ibm.com/antivirus/SciPapers/White/Anatomy/Anatomy.PD>. (XP002310183)
	AO	Kephart, "A Biologically Inspired Immune System for Computers", Proceedings of the International Workshop on the Synthesis and Simulation of Living Systems, pp 130-139, 1994. (XP001059743)
	AP	Symantec, "The Digital Immune System - Enterprise-Grade Anti-Virus Automation in the 21 st Century", Symantec Technical Brief, pp 1-14 [Online], 2001. Retrieved on December 1, 2006 from the Internet: <URL:http://securityresponse.symantec.com/avcenter/reference/dis.tech.brief.pdf>. (XP002410639)

Examiner	Date Considered <u>4/26/07</u>
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